EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|---|---------------------|---------|------------------|
| L1 | 1 | 10/786890 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/24 10:42 |
| L2 | 46 | bump and (print adj mask\$3) and perfor\$4 and (hole or open or opening) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/24 10:43 |
| L3 | 30 | bump and (print adj mask\$3) and perfor\$4 and (hole or open or opening) and @ad<"20030225" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/24 10:44 |
| L4 | . 35 | bump and (print adj mask\$3) and perfor\$4 and (hole or open or opening) and @ad<"20040225" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/24 12:48 |
| L7 | 4 | (("20060237225") or ("6492714") or ("6281571") or ("6225205")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/24 12:49 |
| S1 | | ("20040191956").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/26 09:07 |
| S2 | 1466 | (438/108).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 14:08 |
| S4 | 1408 | (438/613).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/12 14:44 |

Page 1

EAST Search History

| S5 | 17 | 438/108,612,613.ccls. and bump and barrier and perforat\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/12 14:45 |
|-----|------|---|---|----|-----|------------------|
| S6 | 13 | 438/108,612,613.ccls. and bump and barrier and perforat\$4 and mask\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/12 14:46 |
| S7 | 47 | "438"/\$.ccls. and bump and barrier and perforat\$4 and mask\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/12 14:46 |
| S8 | 105 | "257"/\$.ccls. and bump and barrier and perforat\$4 and mask\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/12 14:46 |
| S9 | 191 | semiconductor and bump and barrier and perforat\$4 and mask\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/12 14:46 |
| S10 | 2 | semiconductor and bump and barrier and perforat\$4 and (print adj mask\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/12 14:47 |
| S11 | 3 | semiconductor and bump and barrier and (perforat\$4 or permeable or porous) and (print adj mask\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 08:25 |
| S12 | 2627 | (438/612).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/13 06:46 |

EAST Search History

| S14 | 10 | "jp 04043087", "jp 52068366", "jp 2002211154", "jp 2002134895", "jp 11340270", "jp 11034524", "jp 10242632", "jp 06267964", "jp 06267964", "jp 04237187" | US-PGPUB; USPAT; JPO | OR | ON | 2006/04/12 14:05 |
|-----|------|--|---|----|-----|------------------|
| S15 | . 19 | "jp 04043087", "jp 52068366", "jp 2002211154", "jp 2002134895", "jp 11340270", "jp 11034524", "jp 10242632", "jp 06267964", "jp 06267964", "jp 04237187" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/12 14:34 |
| S16 | 1670 | (438/108).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 14:08 |
| S17 | 2 | ("6379520").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/16 06:33 |
| S18 | 5 | semiconductor and bump and barrier and (perforat\$4 or permeable or porous or permibility) and (print adj mask\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/24 10:40 |